

SEQUENCE LISTING

<110> Lynos, Robert T

<120> Use of ANtimicrobial Peptides as Preservatives in
Ophthalmic Preparations, Including Solutions,
Emulsions, and Suspensions

<130> 2973 ver 2

<140> not known

<141> 2001-05-30

<150> WO 96/25183

<151> 1996-08-22

<160> 14

<170> PatentIn Ver. 2.1

<210> 1

<211> 23

<212> PRT

<213> Xenopus laevis

<300>

<301> Lee et al.,

<302> High-Level Expression of Antimicrobial Peptide Mediated
by a Fusion Partner Reinforcing Formation of Inclusion
Bodies

<303> Biochem. Biophys. Res. Commun.

<304> 277

<306> 575-580

<307> Sept 21, 2000

<400> 1

Gly Ile Gly Lys Phe Leu His Ser Ala Gly Lys Phe Gly Lys Ala Phe

1

5

10

15

Val Gly Glu Ile Met Lys Ser

20

<210> 2

<211> 23

<212> PRT

<213> Xenopus laevis

<400> 2

2001-05-30

Gly Ile Gly Lys Phe Leu His Ser Ala Lys Lys Phe Gly Lys Ala Phe

1

5

10

15

Val Gly Glu Ile Met Asn Ser

20

<210> 3

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (22)

<223> Xaa at position 22 is Lys-amide

<220>

<223> Description of Artificial Sequence: maginin analog

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Gly Ile Gly Lys Phe Leu Lys Lys Ala Lys Lys Phe Gly Lys Ala Phe

1

5

10

15

Val Lys Ile Leu Lys Xaa

20

<210> 4

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: maginin analog

<400> 4

Gly Ile Gly Lys Phe Leu Lys Lys Ala Lys Lys Phe Gly Lys Ala Phe

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5

10

15

Val Lys Ile Leu Lys Lys

20

<210> 5

<211> 37

"PEPTIDE" ES240560


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Thr Gln Ile Ala Lys
      35
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<210> 6
<211> 36
<212> PRT
<213> silk moth

<400> 6
Lys Trp Lys Val Phe Lys Lys Ile Glu Lys Met Gly Arg Asn Ile Arg
      1              5              10              15
Asn Gly Ile Val Lys Ala Gly Pro Ala Ile Ala Val Leu Gly Glu Ala
      20              25              30
Lys Ala Leu Gly
      35

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<210> 7
<211> 38
<212> PRT
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: analog of cecropin B

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Met  Pro  Arg  Trp  Arg  Leu  Phe  Arg  Arg  Ile  Asp  Arg  Val  Gly  Lys  Gln
      1              5              10              15
Ile  Lys  Gln  Gly  Ile  Leu  Arg  Ala  Gly  Pro  Ala  Ile  Ala  Leu  Val  Gly
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<210> 11
 <211> 33
 <212> PRT
 <213> rabbit

<400> 11
 Val Val Cys Ala Cys Arg Arg Ala Leu Cys Leu Pro Arg Glu Arg Arg
 1 5 10 15

Ala Gly Phe Cys Arg Ile Arg Gly Arg Ile His Pro Leu Cys Cys Arg
 20 25 30

Arg

<210> 12
 <211> 11
 <212> PRT
 <213> cow

<400> 12
 Arg Leu Cys Arg Val Val Ile Arg Val Cys Arg

1 5 10

<210> 13
 <211> 26
 <212> PRT
 <213> Artificial Sequence

<220>
 <221> PEPTIDE
 <222> (26)
 <223> Xaa at position 26 is Ser-amide

<220>
 <223> Description of Artificial Sequence: Hybrid
 antimicrobial peptide

<400> 13
 Lys Trp Lys Leu Phe Lys Lys Ile Gly Ile Gly Ala Val Leu Lys Val
 1 5 10 15

Leu Thr Thr Gly Leu Pro Ala Leu Ile Xaa

20

25

0904753 07100

<210> 14
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (16)
<223> Xaa at position 16 is Leu-amide

<220>
<223> Description of Artificial Sequence: Hybrid
antimicrobial peptide

<400> 14
Lys Trp Lys Gly Ile Gly Ala Val Leu Lys Val Leu Thr Thr Gly Xaa
1 5 10 15

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